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Cp. 3

# WATER SUPPLY OUTLOOK FOR UTAH



U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

UTAH STATE DEPARTMENT OF NATURAL RESOURCES  
-- DIVISION OF WATER RIGHTS

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

AS OF  
FEB. 1, 1976

## TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: SURVEYOR ENROUTE TO THE MT. BALDY ARIZONA SNOW COURSE  
SCS PHOTO AZ-5460

## PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 111, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1220 S.W. Third Ave., Portland, Oregon 97204
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

## PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



# **WATER SUPPLY OUTLOOK FOR UTAH**

and  
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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# PROSPECTIVE WATER SUPPLIES

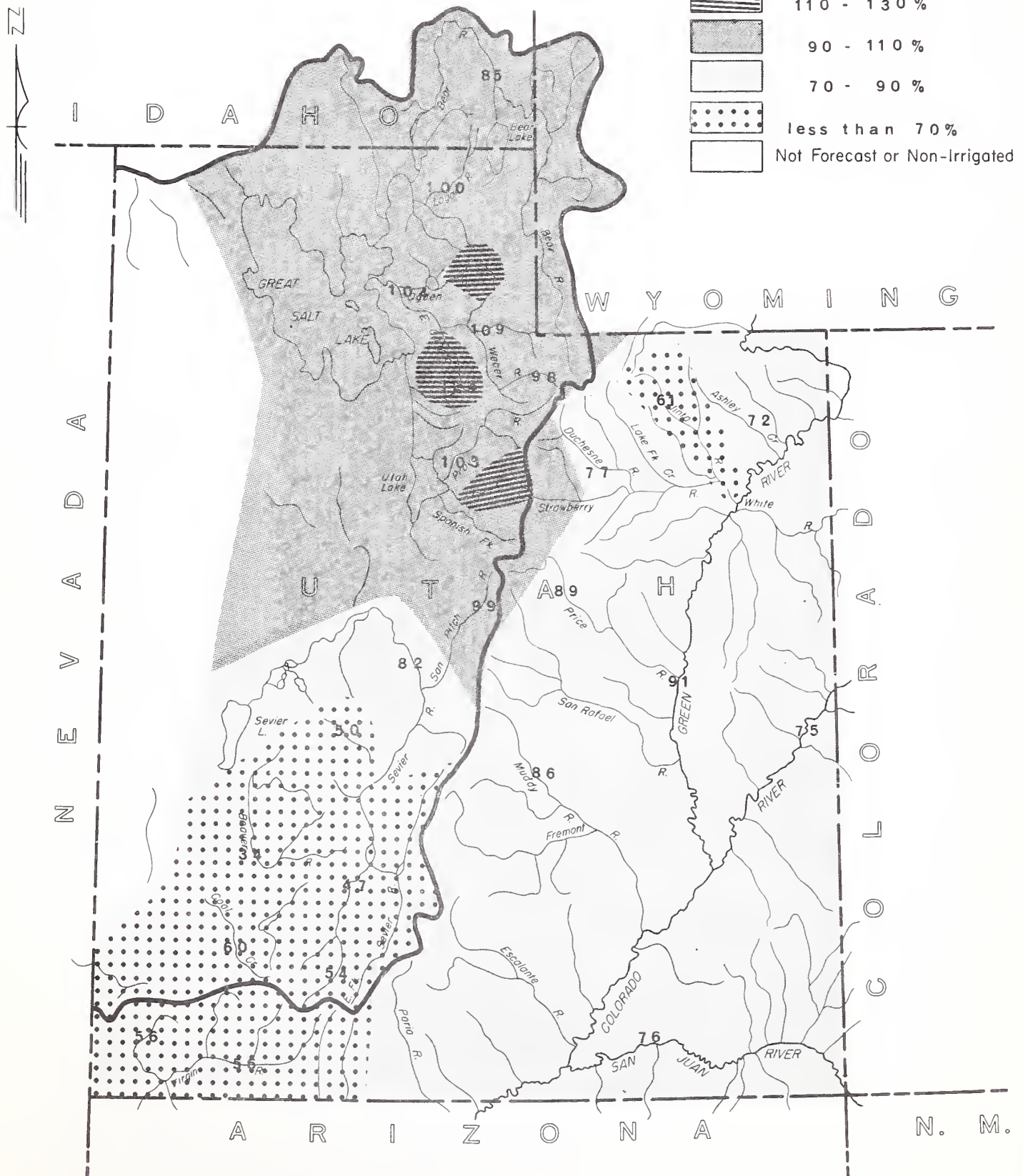
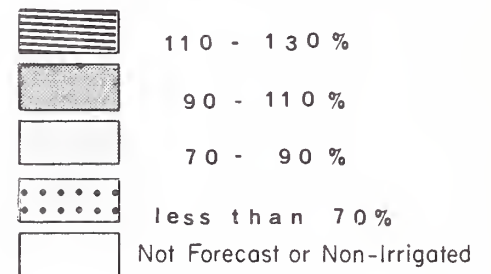
Based on Snow Surveys Made on  
UTAH and BEAR RIVER WATERSHEDS

FEBRUARY 1, 1976

Approximate Date



FORECAST STREAM FLOW  
in Percent 1958 - 72, 5 Year Average





# WATER SUPPLY OUTLOOK

as of  
FEBRUARY 1, 1976

\*\*\*\*\*  
\* Utah's 1976 Water Supply Outlook ranges from well below average on the \*  
\* Virgin River to average on the Weber River. Snow cover ranges from 46% \*  
\* on the Virgin to 107% on the Weber. Reservoir storage is above average.\*  
\* Streamflow forecasts range from about 40% of average in southern Utah \*  
\* to 130% in northern Utah. \*  
\*\*\*\*\*

## SNOW COVER

Snow cover varies from 40 to 60% of the February 1 average on the Virgin, Upper Sevier, Beaver, and Uintah Basin streams, to 70 to 90% of average on the San Rafael, Lower Sevier, Strawberry, and Ogden Basins, and 90 to 107% on Price, Provo, Weber, and Salt Lake front streams. A dry January did not produce the usual increases to the snow pack.

## PRECIPITATION

Precipitation at mountain stations was generally below to well below average during January. Some stations reported only 3 to 10% of average for the month. Accumulated amounts for the October-January period range from 46% of average in southern Utah to 131% in northern Utah.

## SOIL MOISTURE

Watershed soils are generally drier than average in southern Utah and near average in the northern part of the state.

## RESERVOIR STORAGE

Carry over storage is above last year at this time and generally well above average. Twenty one of Utah's key irrigation reservoirs are now 138% of average and 109% of last year at this time.

## STREAMFLOW FORECASTS

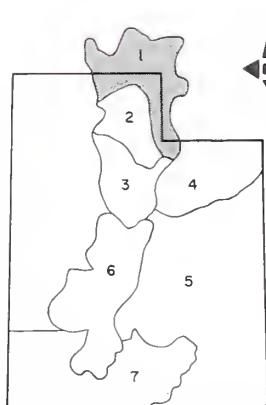
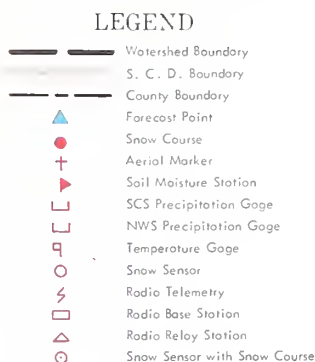
Streamflow forecasts range from 40 to 60% of the April-July average in southern Utah and as high as 120 to 130% in northern Utah. Uintah Basin forecasts range from 53% on White Rocks to 93% on Strawberry at Duchesne. Ashley Creek is 72% of average. Weber, Ogden, and Bear forecasts are within 3 or 4% of average. Utah Lake drainages range from 97 to 112% of average and streams near Salt Lake range from 97% on Little Cottonwood to 124% on Parleys. Inflow to Strawberry is 118% and Pineview Inflow is 104% of the April-June average.



# WATER SUPPLY OUTLOOK

## BEAR RIVER BASIN in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE  
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



WATERSHED LOCATION



FEBRUARY 1, 1976

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER ranges from 91% of average on Logan River to 97% on the Upper Bear.

PRECIPITATION at mountain stations varied from 13% of the January average at Monte Cristo Ranger Station to 83% at Salt River Summit. Accumulated amounts for the October-January period ranged from 85 to 107% of the 15 year average.

SOIL MOISTURE is near average.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS range from 83% of average on Thomas Fork to 131% on Big Creek. The Bear at Utah-Wyoming line is forecast at 97% of average and 85% at Harer, Idaho. Water supplies are expected to be adequate for all uses in this area.

**BEAR RIVER BASIN in UTAH**

**STREAMFLOW FORECASTS**

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	Thousand Acre Feet	Percent of Average		Last Year	Average +
<b>BEAR RIVER</b>					
Bear at Harer, Idaho <sup>1</sup>	230	85	Apr-Sept	- -	271
Bear nr Randolph	91	89	Apr-July	145	102
Bear nr Ut-Wyo. State Line	108	97	Apr-July	140	112
Bear nr Woodruff	113	87	Apr-July	186	130
Big Crk nr Randolph, Utah	5.5	131	Apr-July	- -	4.2b
Blacksmith Fork nr Hyrum	45	94	Apr-July	63	48
Little Bear nr Paradise	36	106	Apr-June	53	34
Logan nr Logan <sup>1</sup>	113	100	Apr-July	140	113
Smith's Fork nr Border, Wyo.	104	90	Apr-Sept	- -	116
Thomas Fork nr Ut-Wyo State L	26.8	83	Apr-Sept	- -	32
Woodruff Crk nr Woodruff, Utah	15.5	101	Apr-July	21	15.4

1 - Observed flow corrected for change in storage and diversions  
 b - Average of all past record - less than 15 years

**SUMMARY of SNOW MEASUREMENTS**

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
BEAR RIVER	18	96	94
UPPER BEAR RIVER	6	106	97
LOWER BEAR RIVER	12	92	92
LOGAN RIVER	5	100	91

**RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING**

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average +
<b>BEAR RIVER</b>	Bear Lake	1421.0	1072.9	1069.5	944.9
	Woodruff Narrows	26.5	26.5	17.3	20.5b
<b>LITTLE BEAR</b>	Hyrum	15.3	10.2	10.2	9.9
	Porcupine	11.3	3.8	3.7	2.9b
+ - 1958-72 15 Year Average Period					

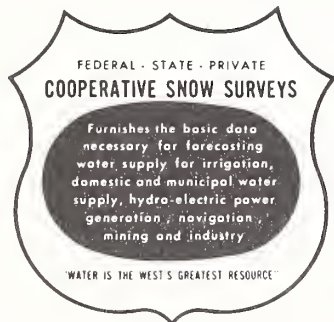
**PEAK FLOWS**

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average +
To Begin March 1, 1976		

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# STREAMFLOW FORECASTS

## WEBER-OGDEN WATERSHED in UTAH

### SUMMARY of SNOW MEASUREMENTS

STREAMFLOW FORECASTS			THIS YEAR		PAST RECORD		SUMMARY of SNOW MEASUREMENTS		
BASIN, STREAM and/or FORECAST POINT	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET		RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
	Thousand Acre Feet	Percent of Average		Last Year	Average †			Last Year	Average
WEBER-OGDEN RIVERS									
Chalk Creek at Coalville	35	109	Apr-June	50	32	OGDEN RIVER	6	82	82
East Canyon Creek nr Morgan <sup>1</sup>	28	117	Apr-June	45	22	WEBER RIVER	7	86	107
Hardscrabble Crk nr Porterville	18.0	125	Apr-June	- -	14.4b				
Lost Creek nr Croydon, Utah	16.8	123	Apr-June	22	13.7				
Pineview Reservoir Inflow <sup>2</sup>	114	104	Apr-June	176	110				
South Fork Ogden nr Huntsville	61	122	Apr-June	79	50				
Rockport Reservoir Inflow <sup>1</sup>	108	95	Apr-June	- -	114				
Weber nr Coalville	105	93	Apr-June	- -	113				
Weber nr Oakley	98	98	Apr-June	104	100				
JORDAN RIVER & SALT LAKE									
Farmington Crk nr Farmington	8.9	114	Apr-July	- -	7.8				
1 - Observed flow corrected for change in storage and diversions 2 - Inflow record as computed by U.S. Bureau of Reclamation b - Average of all past record - less than 15 years									

1 - Observed flow corrected for change in storage and diversions  
 2 - Inflow record as computed by U.S. Bureau of Reclamation  
 b - Average of all past record - less than 15 years

# RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average †
<b>OGDEN</b>	Causey	6.9	1.3	1.4	2.3b
	Pineview	110.1	50.5	55.0	40.1
<b>WEBER</b>	East Canyon	48.1	37.7	35.8	18.5
	Echo	73.9	42.9	62.2	39.1
	Lost Creek	20.0	13.2	12.6	12.4b
	Rockport	60.9	46.8	35.9	28.6
	Willard Bay	193.3	159.1	155.1	110.3b

+ - 1958-72 15-Year Average Period

# PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
To Begin March 1, 1976		

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STREAMFLOW FORECASTS range from 97% of the April-July average on Little Cottonwood to 124% on Parleys Creek. Utah Lake Inflow is expected to be 215,000 acre feet (103%) during the April-July period. Strawberry Inflow is forecast at 118% of average and Provo at Hailstone, 98% of average.

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHED in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
<u>PROVO RIVER &amp; UTAH LAKE</u>					
American Fork nr American Frk	31	107	Apr-July	45	29
Hobble Creek nr Springville	18	112	Apr-July	- -	16
Provo nr Hailstone <sup>1</sup>	100	98	Apr-July	- -	102
Provo below Deer Creek Dam <sup>1</sup>	114	103	Apr-July	- -	111
Spanish Fork at Thistle	32	100	Apr-July	- -	32
Strawberry Reservoir Inflow <sup>1</sup>	53	118	Apr-July	- -	45
Utah Lake Inflow	215	103	Apr-July	- -	208
Payson Creek nr Payson	6.8	108	Apr-July	- -	6.3
<u>JORDAN RIVER &amp; SALT LAKE</u>					
Big Cottonwood nr SLC	37	103	Apr-July	50	36
Farmington Crk nr Farmington	8.9	114	Apr-July	- -	7.8
Little Cottonwood Crk nr SLC	34	97	Apr-July	- -	35
Parley's Creek nr SLC	14.5	124	Apr-July	22	11.7
<u>TOOELE VALLEY</u>					
Settlement Creek nr Tooele			Apr-July	- -	2.2
Vernon Creek nr Vernon	0.8	114	Apr-July	1.1	0.7

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
PROVO RIVER & UTAH LAKE	10	94	99
JORDAN RIVER & SALT LAKE	4	95	105
TOOELE VALLEY	1	94	118

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average †
<u>SPANISH FORK</u>	Strawberry	270.0	240.6	207.2	113.6
<u>UTAH LAKE</u>	Utah Lake	883.9	920.9	771.8	563.0
<u>PROVO</u>	Deer Creek	149.7	102.3	80.8	94.7

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
To Begin March 1, 1976		

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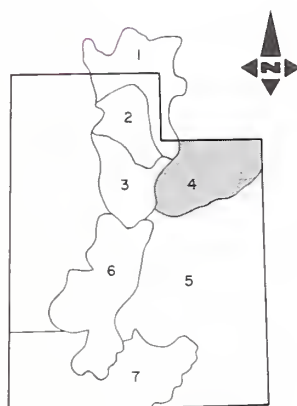


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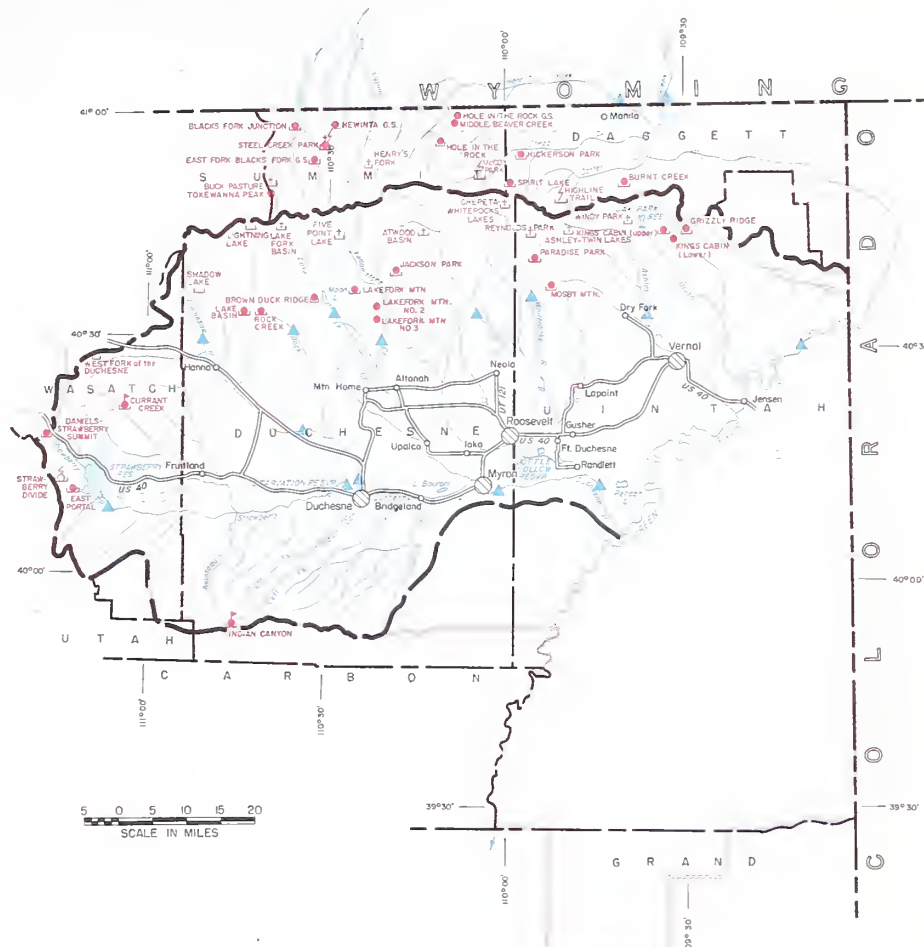
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# UINTAH BASIN and DAGGETT SCD's in UTAH

### LEGEND



WATERSHED LOCATION



THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

PRECIPITATION at mountain stations varied from 17% of the January average at Grizzly Ridge to 114% at Indian Canyon. The total accumulation, October 1 to February 1 ranges from 64 to 91% of average.

SOIL MOISTURE is below average.

RESERVOIR STORAGE is above average and better than last year at this time.

STREAMFLOW FORECASTS range from 61% of the April-July average on the Uintah to 103% for the inflow to Flaming Gorge. Ashley Creek is forecast 72% of average. Water supplies are expected to be short for those areas without reservoir storage unless much above average snow fall occurs in the next two months.

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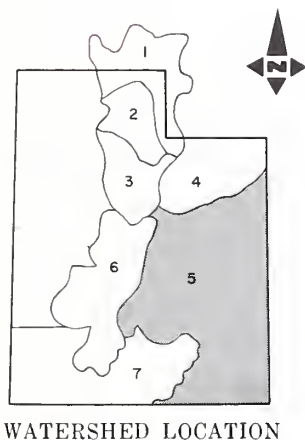
# WATER SUPPLY OUTLOOK

## CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

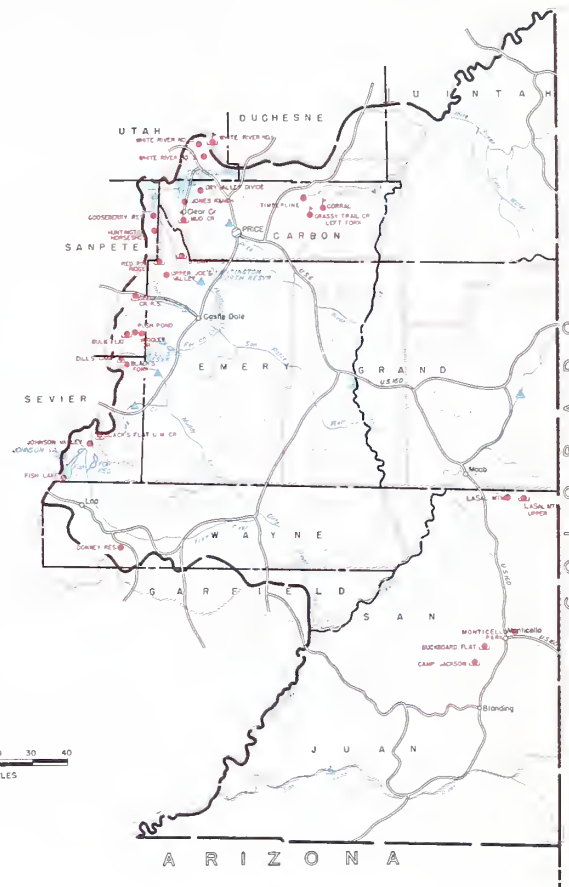
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### LEGEND

- Watershed Boundary
- S. C. D. Boundary
- County Boundary
- ▲ Forecast Point
- Snow Course
- + Aerial Marker
- ▶ Soil Moisture Station
- ┌ SCS Precipitation Gage
- └ NWS Precipitation Gage
- Temperature Gage
- Snow Sensor
- ⚡ Radio Telemetry
- △ Radio Base Station
- ◻ Radio Relay Station
- Snow Sensor with Snow Course



SCALE IN MILES  
0 10 20 30 40



FEBRUARY 1, 1976

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER is 96% of average on Price River and 72% of the February 1 average on San Rafael tributaries.

PRECIPITATION at mountain stations ranged from 54 to 104% of the January average. Accumulated October-January amounts ranged from 77 to 128% of average.

SOIL MOISTURE is near average under the snow pack, but below average at lower elevations.

RESERVOIR STORAGE is above average and better than last year at this time.

STREAMFLOW FORECASTS range from 75% of the April-July average on the San Juan and Colorado to 103% on Gooseberry Creek near Scofield. Water supplies are expected to be good for all uses with reservoir storage, but a little less than average for those with natural flow rights.

## CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

## STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST Thousand Acres Feet	Percent of Average		THOUSAND ACRE FEET	
				Last Year	Average †
<b>PRICE RIVER</b>					
Gooseberry Crk nr Scofield	10.3	103	Apr-July	- -	10.0
Price nr Heiner <sup>1</sup>	57	89	Apr-July	- -	64b
Scofield Reservoir Inflow	34	100	Apr-July	- -	34
<b>SAN RAFAEL RIVER</b>					
Cottonwood Crk nr Orangeville	42	91	Apr-July	- -	46b
Ferron Creek nr Ferron	31	89	Apr-July	46	35
Huntington Crk nr Huntington	39	87	Apr-July	62	45
<b>MUDDY RIVER</b>					
Muddy Creek nr Emery	14.6	86	Apr-July	25	17.0
<b>UPPER COLORADO BASIN</b>					
Colorado nr Cisco, Utah	2125	75	Apr-July	4038	2835
Green at Green River, Utah	2574	91	Apr-July	4082	2839
Navajo Reservoir Inflow	450	75	Apr-July	- -	597
San Juan nr Bluff, Utah	651	76	Apr-July	- -	853
Mill Creek nr Moab	3.8	78	Apr-July	6.2	4.9
<b>FREMONT RIVER</b>					
Seven Mile Crk nr Fish Lake	5.5	86	Apr-July	- -	6.4b

## SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Gauges Averaged	Last Year	
		Last Year	Average
PRICE RIVER	4	95	96
SAN RAFAEL RIVER	5	67	72

## RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average †
<b>PRICE RIVER</b>	Scofield	65.8	43.7	32.2	28.8
<b>SAN RAFAEL</b>	Huntington North	3.9		3.1	2.0b
	Joe's Valley	54.6		34.8	30.8
	Mill Site	16.7	5.2	3.1	- -
<b>SAN JUAN</b>	Navajo	1696.0	1123.5	948.6	- -

## PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
To Begin March 1, 1976		

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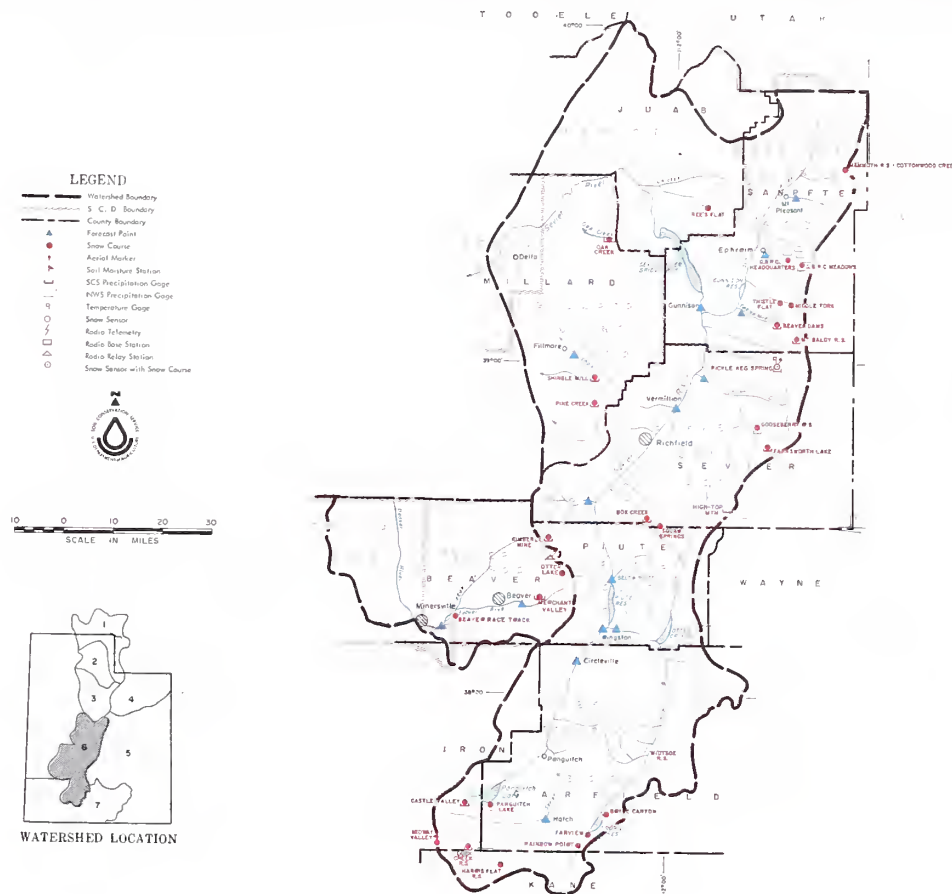
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# WATER SUPPLY OUTLOOK

## SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



FEBRUARY 1, 1976

THE WATER SUPPLY OUTLOOK RANGES FROM POOR TO NEAR AVERAGE

SNOW COVER varies from 48% of the February 1 average on the South Fork of the Sevier, above Kingston, to 90% on the Lower Sevier. Beaver River is 59% of the February 1 average.

PRECIPITATION at mountain stations varied from 30 to 115% of the January average, but ranges from 46% on the southern end of the basin to 130% on the northern end for the October-January period.

SOIL MOISTURE ranges from well below average on the Upper Sevier to near average on the Lower Sevier under the snow pack.

RESERVOIR STORAGE is well above average in Sevier Bridge, Otter Creek, and Gunnison and near average in Piute and Minersville.

STREAMFLOW FORECASTS range from 34% of average for Minersville Inflow to 99% for Pleasant Creek. Sevier at Hatch is forecast at 54% of its April-July average, Sevier below Piute Dam 47%, and Sevier near Gunnison 82%. Salina Creek is forecast at 90% of average and the San Pitch is expected to contribute to the 75,000 to 90,000 acre feet of winter flow into Sevier Bridge. Short water supplies are expected for water users without adequate reservoir storage.

SEVIER RIVER BASIN including BEAVER RIVER in UTAH						SUMMARY of SNOW MEASUREMENTS			
STREAMFLOW FORECASTS						THIS YEAR AS A PERCENT OF			
BASIN, STREAM and/or FORECAST POINT	FORECAST		FORECAST PERIOD	PAST RECORD		RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
	Thousand Acre Feet	Percent of Average		Last Year	Average †			Last Year	Average
<b>SEVIER RIVER</b>						UPPER SEVIER RIVER			
Chalk Creek nr Fillmore	7.8	50	Apr-July	- -	15.5b	East Fork Sevier	4	77	56
Clear Crk nr Sevier (abv Div)	10.6	71	Apr-July	28	15.0	South Fork Sevier	3	72	48
East Fork Sevier nr Kingston	6.0	42	Apr-July	- -	14.4				
Antimony Crk nr Antimony	3.4	47	Apr-July	- -	7.3	LOWER SEVIER RIVER	5	80	90
Inflow						BEAVER RIVER	2	73	59
Kingston to Vermillion Dam	21	42	Apr-June	- -	50				
Vermillion Dam to Gunnison	36	92	Mar-June	- -	39				
Salina Creek at Salina	7.3	90	Apr-June	24	8.1b				
Sevier nr Circleville	17.5	62	Apr-July	- -	28				
Sevier nr Gunnison	32	82	Apr-July	55	39				
Sevier at Hatch	22	54	Apr-July	35	41				
Sevier nr Kingston	9.9	47	Apr-July	16	21				
Sevier below Piute Dam <sup>1</sup>	15.5	47	Apr-July	- -	33				
<b>SAN PITCH RIVER</b>									
Ephraim Creek nr Ephraim	13.0	94	Apr-July	- -	13.9b				
Pleasant Creek nr Mt. Pleasant	7.7	99	Apr-July	- -	7.8				
<b>BEAVER RIVER</b>									
Beaver nr Beaver	13.7	68	Apr-July	18.4	20				
Minersville Reservoir Inflow	2.0	34	Apr-June	- -	5.8				
<b>RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING</b>						<b>PEAK FLOWS</b>			
Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage			FORECAST POINT		PEAK FLOW (SECOND FEET)	
			This Year	Last Year	Average †	Forecast Range		Average †	
<b>SEVIER RIVER</b>						To begin March 1, 1976			
	Gunnison	18.2	16.8	7.2	9.8				
	Otter Creek	52.5	37.7	26.5	25.4				
	Piute	71.8	36.1	36.8	37.2				
	Sevier Bridge	236.0	154.4	157.7	83.2	<b>PRIMARY WATER RIGHT FORECASTS (PERCENT OF WATER RIGHT DELIVERED)</b>			
<b>BEAVER RIVER</b>						RIVER SECTION	Percent Forecast For This Year	Average Percent Delivered During 15 year Period †	Forecast Period
						<b>SEVIER RIVER</b>			
	Minersville (Rky Fd)	23.3	11.6	9.6	11.3	Below Vermillion Dam	50	55	April-Sept
						Circle Valley	54	65	April-Sept
						Panguitch Valley	78	82	April-Sept
						Sevier Valley	20	38	April-Sept
<b>FORECAST DATE of LOW FLOW VALUES</b>						Inflow to Sevier Bridge Reservoir October 1 to March 31 is expected to be 75,000 to 90,000 acre feet.			
FORECAST POINT	Low Flow Value Second/Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value		Below Vermillion - Flow above 360 second feet should total 1,300-1,800 acre feet.				
Clear Crk nr Sevier-above Div.	5	July 18	July 28						
Salina Crk at Salina	25	June 6	June 10						
Sevier at Circleville	90	June 2	June 24						
Sevier at Hatch (upper)	100	June 11	July 10						

UNITED STATES DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE  
Federal Bldg. - Room 4012  
Salt Lake City, Utah 84138  
OFFICIAL BUSINESS  
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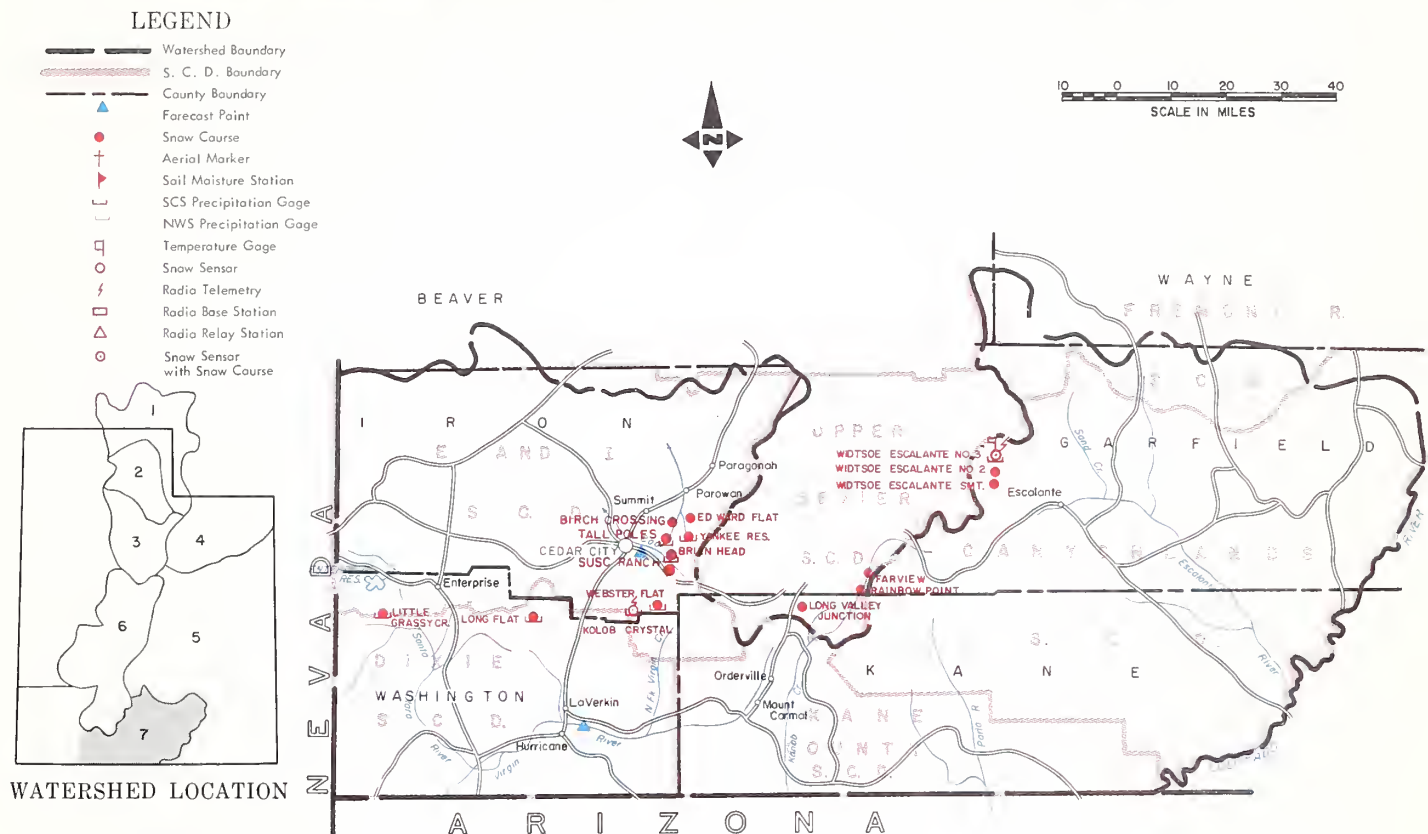
**FIRST CLASS MAIL**

*"The Conservation of Water begins with the Snow Survey"*

# WATER SUPPLY OUTLOOK

## EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

**UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE  
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS**



FEBRUARY 1, 1976

THE WATER SUPPLY OUTLOOK IS WELL BELOW AVERAGE

SNOW COVER is only 46% of average on the Virgin River and 48% of the February 1 average on Coal Creek.

PRECIPITATION at mountain stations, such as Webster Flat was only about 25% of the January average and has totaled only 57% of average for the October-January period.

SOIL MOISTURE is well below average.

RESERVOIR STORAGE is 20,023,000 acre feet in Lake Powell or 2,768,000 acre feet more than a year ago. No reports are available for other reservoirs of the area.

STREAMFLOW FORECASTS vary from 56% of the April-June average on the Virgin and Santa Clara to 81% of April-July average for the Inflow to Lake Powell. Coal Creek is forecast at 60% of its April-July average. Short water supplies are expected in this area unless much above average snow fall occurs in the next two months.

*"The Conservation of Water begins with the Snow Survey"*

## SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
				Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
<u>WEBER RIVER (continued)</u>											
Redden Mine (upper)		Discontinued		12.7	- -	1/27	2.48	- -	15.31	- -	- -
Smith & Morehouse	1/21	30	8.4	8.2	8.6	1/21	.96	3.26	12.44	11.62	107
<u>PROVO RIVER &amp; UTAH LAKE</u>											
Beaver Creek Divide	1/22	27	7.5	8.6	- -						
Camp Altamont	1/30	28	9.0	9.6	9.9						
Clear Creek Ridge #1	1/28	35	10.6	12.0	- -						
Clear Creek Ridge #2	1/28	33	8.3	8.6	8.3	1/28	1.40	- -	9.30	- -	- -
Clear Creek Ridge #3	1/28	22	5.2	5.4	4.9						
Dutchman R.S.	1/30	32	9.8	13.5	- -	1/30	0.80	- -	4.45	- -	- -
Hobble Creek Summit	1/29	26	8.1	10.0	- -	1/29	1.00	- -	9.50	- -	- -
Packard Canyon	1/29	24	6.8	7.6	- -						
Payson R.S.	1/27	41	13.1	10.0	10.6	1/27	1.70	- -	13.55	- -	- -
Rock Bridge	1/27	32	9.8	7.9	7.3						
Soapstone	1/27	31	6.8	8.5	8.2	1/27	2.08	3.13	10.30	10.19	101
South Fork R.S.	1/30	18	4.9	8.8	4.2						
Timpanogos Cave Camp	1/30	11	2.5	4.2	1.7						
Timpanogos Divide	1/30	42	14.4	13.2	15.7	1/29	2.40	4.73	14.80	16.72	88
Trial Lake	1/27	45	11.5	14.0	15.5	1/27	2.76	4.85	13.36	18.11	74
<u>JORDAN RIVER &amp; SALT LAKE</u>											
Deseret Peak*						Data Not Available - USU					
Lambs Canyon	1/29	40	11.0	12.2	9.7						
Lambs Canyon #2	1/29	38	11.5	12.6	- -	1/29	1.95	- -	11.04	- -	- -
Middle Canyon - Tooele	1/31	30	9.4	10.0	8.0	1/31	2.68	- -	9.73	- -	- -
Mill Creek	1/29	47	14.0	14.7	- -						
Mill D South Fork	1/30	38	12.0	15.2	12.5						
Mt. Dell Dam						1/31	.98	2.16	8.30	8.72	95
Silver Lake (Brighton)	1/30	48	15.6	13.3	15.4						
Vernon Creek	1/31	19	5.1	5.9	- -	1/31	1.00	- -	6.66	- -	- -
<u>UPPER SEVIER RIVER (South of Richfield, Utah)</u>											
Box Creek	1/27	20	5.0	- -	- -	1/27	1.39	- -	5.88	- -	- -
Bryce Canyon	1/30	7	1.5	1.3	2.8						
Duck Creek R.S.	1/28	15	4.1	5.3	8.0	1/28	0.30e	2.68	5.10e	11.05	46
Farview	2/2	14	3.6	- -	- -						
Harris Flat R.S.	1/28	8	2.7	2.3	5.0						
Kimberly Mine	1/29	28	7.0	5.8	- -	1/29	1.92	2.88b	9.53	10.34b	92
Midway Valley	1/28	18	5.7	9.8	12.9	1/28	.50	- -	5.60	- -	- -
Panguitch Lake	1/28	0	0.0	- -	- -	1/28	0.49	- -	2.99	- -	- -
Rainbow Point	2/2	8	2.3	- -	- -						
Squaw Springs	1/27	10	2.1	- -	- -						
Widtsoe Escalante Summit	1/30	8	2.2	2.6	4.0						
Widtsoe Escalante #2	1/30	14	2.8	4.7	5.4						
Widtsoe Escalante #3	1/30	19	4.1	5.1	6.6b	1/30	0.64	1.28	4.63	7.84	59
Widtsoe R.S.						1/30	0.26	- -	1.80	- -	- -
Castle Valley	1/28	16	4.3	- -	- -	1/28	0.78	- -	5.09	- -	- -
<u>LOWER SEVIER RIVER (Including San Pitch)</u>											
Beaver Dams	1/27	22	5.5	- -	- -	1/27	2.25	- -	6.85	- -	- -
Farnsworth Lake	1/26	35	9.7	11.9	10.5	1/26	3.00	2.61	9.65	10.83	89
G.B.R.C. Headquarters	1/30	29	8.0	10.0	8.8	1/30	2.00	- -	10.42	- -	- -
G.B.R.C. Majors						1/30	1.05	- -	5.47	- -	- -
G.B.R.C. Meadows	1/30	41	12.3	16.3	13.8	1/30	2.90	- -	11.49	- -	- -
G.B.R.C. Oaks						1/30	1.15	- -	6.97	- -	- -
Gooseberry R.S.	1/26	26	6.2	6.9	6.6	1/26	2.00	- -	7.30	- -	- -
Mammoth R.S. - Cottonwood Cr	1/29	38	11.1	13.9	12.7b	1/29	2.75	3.50b	15.10	11.59b	130
Mt. Baldy	1/27	38	10.2	- -	- -	1/27	2.70	- -	8.15	- -	- -
Shingle Mill	1/29	24	6.8	5.8	- -	1/29	0.56	1.83b	8.42	9.02b	93
Picklekeg Springs	1/26	29	6.8	- -	- -						
Pine Creek	1/29	26	7.6	0 0	0 0	1/29	- -	- -	12.04	- -	- -
<u>BEAVER RIVER</u>											
Beaver Canyon Power House						1/31	0.61	1.04	3.49	5.16	68
Beaver Race Track	1/30	0	0.0	0.2	- -						
Big Flat	1/30	22	5.7	8.2	9.8	1/30	0.97	- -	6.85	- -	- -
Merchant Valley (alternate)	1/30	20	4.3	5.7	- -	1/30	1.88	- -	6.43	- -	- -
Otter Lake	1/30	20	4.7	6.1	7.8						

## SNOW

## PRECIPITATION (Inches)

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
				Last Year	Average †						
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Big Park	2/2	42	12.8	12.5	13.3a						
Burts-Miller Ranch	1/26	16	3.3	3.9	- -	1/26	1.25	- -	6.61	- -	- -
CCC Camp	1/29	30	7.9	8.3	8.2						
Hayden Fork	1/26	33	8.3	10.8	- -	1/26	2.70	- -	12.38	- -	- -
Kelly R.S.	2/2	38	10.4	9.6	11.7a						
LaBarge G.S.	1/31	65	21.5	18.5	- -						
Piney-LaBarge #2	1/31	49	15.0	15.2	15.8a						
Poison Meadows	1/31	66	20.8	17.3	20.6						
Salt River Summit	1/29	39	10.4	11.0	- -	1/29	3.12	3.77	11.62	10.81	107
Snyder Basin	1/31	42	11.5	10.9	11.3						
Stillwater Camp	1/26	26	5.5	7.2	- -	1/26	1.54	- -	7.75	- -	- -
LOWER BEAR RIVER (Below Harer, Idaho)											
Christensen Ranch	1/26	26	6.1	6.7	5.9						
Clarkston Mountain*							Data Not Available - USU				
Cub River R.S.	1/26	29	7.7	8.2	5.8						
Dry Basin	1/26	56	16.7	18.1	20.9						
Dry Creek Flat		Not Scheduled		6.7	5.3						
Emigrant Summit	1/26	55	15.0	16.5	17.0a						
Emigration Canyon	1/26	25	6.9	7.8	7.8a						
Franklin Basin*	1/26	56	17.6	17.5	- -		Data Not Available - USU				
Garden City Summit	1/26	38	10.7	8.2	11.9	1/26	2.34	3.86	13.18	12.68	104
Horseshoe Basin	1/26	48	14.7	16.7	17.3a						
Klondike Narrows*	1/26	42	12.3	13.7	13.3		Data Not Available - USU				
Liberty Springs	1/26	74	24.4	23.7	22.6						
Little Bear (lower)	1/27	24	6.6	6.3	- -						
Little Bear (upper)*	1/27	26	7.6	7.7	- -						
Monte Cristo R.S.	1/27	40	12.8	15.3	17.0b	1/27	1.27	9.56b	14.30	16.91	85
Oxford Mountain		Not Scheduled		6.9	6.9a						
Slug Creek Divide	1/27	41	12.0	11.6	11.5a						
Steep Hollow #1	1/26	74	24.1	23.0	25.4b						
Steep Hollow #2	1/26	55	16.7	18.0	18.8b						
Strawberry Creek	1/27	25	6.6	7.8	7.2						
Strawberry Mink Divide	1/26	42	12.3	14.7	14.4						
Tony Grove Lake*	1/26	73	23.9	- -	- -		Data Not Available - USU				
Tony Grove R.S.	1/26	29	7.5	8.3	8.8		Data Not Available - USU				
Willow Flat	1/26	39	10.7	11.9	10.5	1/26	3.45	- -	13.87	- -	- -
OGDEN RIVER											
Beaver Creek-Skunk Creek	1/27	16	6.6	9.3	8.0						
Ben Lomond (lower)	1/27	31	8.7	9.2	10.0	1/26	1.40	5.45	14.40	16.81	86
Ben Lomond Peak*	1/27	59	19.3	21.6	24.0b		Data Not Available - USU				
Causey Dam						1/26	.10	3.05	8.05	9.07	89
Cutler Creek	1/27	50	15.5	17.7	18.7b						
Deer Springs*							Data Not Available - USU				
Dry Bread Pond	1/27	29	9.4	14.2	11.3	1/27	.88	6.43	11.70	13.30	88
Francis Canyon*							Data Not Available - USU				
Guilders Peak*							Data Not Available - USU				
Magpie Flat*							Data Not Available - USU				
Middle Fork Ogden*							Data Not Available - USU				
Sagebrush Flat	1/27	13	2.8	3.8	3.7	1/27	.26	4.47b	7.83	9.33	84
WEBER RIVER											
Beaver Creek R.S.	1/27	23	5.4	6.1	5.7						
Chalk Creek #1	1/26	46	12.7	12.6	- -						
Chalk Creek #2*	1/26	38	9.5	8.5	8.8						
Chalk Creek #3	1/26	22	4.8	5.0	5.1	1/26	1.39	5.35	9.81	7.31	134
Farmington Canyon (upper)**	1/27	62	19.6	24.1	17.5b						
Farmington Canyon (lower)	1/27	51	15.8	20.2	13.2b	1/27	2.09	- -	17.34	- -	- -
Farmington G.S.						1/27	4.37	- -	14.17	- -	- -
Horse Ridge**	1/27	39	10.4	13.9	- -	1/27	1.32	- -	13.54e	- -	- -
Kilfore Creek	1/27	31	7.8	9.0	- -						
Lost Creek Reservoir	1/27	12	3.1	3.5	- -	1/27	.35	- -	4.98e	- -	- -
Parleys Canyon Summit	1/29	44	12.2	15.5	11.7	1/29	3.35	3.86	15.67	17.76	88
Park City Summit		Not Measured									
Redden Mine (lower)	1/27	35	9.5	9.9	- -						

## SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
				Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
PAROWAN CREEK											
Birch Crossing	1/28	14	4.0	2.7	- -						
Brian Head	1/28	33	9.5	10.6	- -						
Ed Ward Flat	1/28	19	4.5	- -	- -						
Tall Poles	1/28	23	6.1	6.3	- -	1/28	1.20	5.76a	6.00	12.22a	49
Yankee Reservoir	1/28	20	4.7	- -	- -	1/28	1.40	- -	6.05	- -	- -
COAL CREEK											
SUSC Ranch	1/28	8	3.0	2.8	5.1a						
COLORADO RIVER BASIN											
UPPER GREEN RIVER - UTAH											
Burnt Creek	1/29	17	3.8	- -	- -	1/29	0.40	- -	5.15	- -	- -
Blacks Fork Jct.	1/26	24	4.7	6.1	- -	1/26	1.81	- -	7.28	- -	- -
East Fork Blacks Fork G.S.	1/26	23	4.5	6.8	- -	1/26	1.75	- -	7.02	- -	- -
Grizzly Ridge	1/29	24	5.8	5.1	- -	1/29	0.40	2.35b	6.40	9.31b	69
Hewinta G.S.	1/26	23	4.6	5.7	- -	1/26	2.00	- -	7.98	- -	- -
Hickerson Park	1/26	23	4.9	- -	- -	1/26	1.30	- -	6.07	- -	- -
Highline Trail*	1/26	32	6.9	- -	- -						
Kings Cabin (lower)	1/26	20	4.3	- -	- -						
Kings Cabin (upper)	1/26	24	4.6	- -	- -	1/26	1.00	- -	6.57	- -	- -
Spirit Lake	1/26	30	6.6	- -	- -	1/26	0.40	- -	5.70	- -	- -
Steel Creek Park	1/26	42	10.0	10.1	- -						
Trout Creek	1/26	28	5.8	- -	- -	1/26	1.35	- -	8.14	- -	- -
DUCHESNE RIVER											
Brown Duck Ridge	1/27	37	8.9	- -	- -	1/27	1.24	- -	7.36e	- -	- -
Currant Creek	1/29	22	5.7	6.9	- -	1/29	1.60	- -	7.75	- -	- -
Daniels-Strawberry Summit	1/29	30	8.3	8.5	9.6	1/29	2.47	3.08	10.18	11.21	91
East Portal	1/31	30	6.4	7.3	6.8	1/31	2.74	3.56	11.11	12.48	89
Indian Canyon	1/29	20	4.3	8.2	7.8	1/29	2.70	2.36b	6.95	9.07b	77
Lake Basin	1/27	42	11.7	- -	- -	1/27	Gage Molested				
Lakefork Mountain	1/27	19	3.8	7.4	6.8	1/27	0.83	- -	6.23	- -	- -
Lakefork Mountain #2		Not Measured		4.9	5.0						
Lakefork Mountain #3		Not Measured		3.2	4.3						
Jackson Park	1/27	26	5.4	8.9	- -						
Mosby Mountain	1/27	17	3.6	5.2	6.6	1/27	0.37	2.03a	5.41	7.18a	75
Paradise Park	1/27	19	4.7	8.4	8.0	1/27	0.50	2.42b	6.81	10.72b	64
Rock Creek Ranch	1/27	13	3.3	- -	- -	1/27	1.01	- -	6.78	- -	- -
Strawberry Divide	1/31	42	11.1	11.6	11.4						
PRICE RIVER											
Dry Valley Divide-Alternate	1/29	24	5.5	- -	- -						
Dry Valley Divide	1/29	25	5.9	6.2	6.5						
Gooseberry Reservoir	1/29	35	10.5	12.9	10.9	1/29	2.60	3.07	14.20	11.06	128
Jones Ranch	1/29	20	5.1	3.9	4.3						
Mud Creek #2	1/29	28	7.1	7.1	8.2	1/29	2.40	2.30	7.35	8.86	83
White River #1	1/30	30	7.7	7.9	- -	1/30	2.00	- -	8.35	- -	- -
White River #2	1/30	26	6.3	5.9	- -						
White River #3	1/30	20	4.7	5.8	- -						
SAN RAFAEL RIVER											
Buck Flat	1/30	25	6.8	10.4	9.2b	1/30	2.50	- -	8.00	- -	- -
Huntington-Horseshoe	1/29	38	12.6	- -	- -						
Orange Olsen	1/29	0	0.0	1.6	- -	1/29	0.90	- -	1.70	- -	- -
Red Pine Ridge	1/29	31	8.4	10.8	9.8b	1/29	3.15	5.86	9.55	12.40	77
Rush Pond	1/30	21	4.6	8.8	8.2b						
Seeley Creek	1/30	21	6.0	- -	- -						
Upper Joe's Valley	1/29	19	4.5	6.7	5.7b						
Wrigley Creek	1/30	19	4.3	5.9	6.6						
VIRGIN RIVER											
Kolob Crystal	1/28	23	6.9	10.6	- -						
Long Valley Junction	1/28	0	0.0	0.4	2.6						
Webster Flat	1/28	16	5.6	8.2	9.6	1/28	0.80	3.25	6.73	11.75	57

## SNOW

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)						
	DRAINAGE BASIN and/or SNOW COURSE	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
	NAME				Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
MUDDY RIVER												
Blacks Fork	1/27	22	5.2	- -	- -							
Dills Camp	1/27	20	5.0	- -	- -	1/27	2.15	- -	6.30	- -	- -	
ENTERPRISE TO NEW HARMONY DRAINAGES												
Little Grassy	1/28	0	0.0	- -	- -	1/28	0.15	- -	2.80	- -	- -	
Long Flat	1/28	10	3.0	- -	- -	1/28	0.45	- -	3.52	- -	- -	
SOUTHEASTERN UTAH DRAINAGES												
LaSal Mountain	1/29	20	4.9	- -	- -							
LaSal Mountain (upper)	1/29	28	7.1	- -	- -	1/29	0.85	- -	7.25	- -	- -	
Monticello City Park	1/30	0	0.0	- -	- -							
Buckboard Flat		Data Delayed										
Camp Jackson		Data Delayed										
a - Partly Estimated												
b - Average of all past record-less than 15 years												
+ - 1958-72 Average												
* - USU-SCS Cooperative Reading												
** - SCS Radio Reading												



# INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

## GREAT BASIN DRAINAGE

NO

STATE

NAME

SEC

TWP

RGE

ELEV

UPPER BEAR RIVER (above Harer, Idaho)

W

Big Park

7

22N

117W

8,700

11J18P

U

Timpanogas Cave Camp

27

4S

2E

5,500

10J13P

U

Takewanao Peak

23

1N

11E

9,800

10J6P

W

Burtis-Miller Ranch

19

3N

10E

7,500

11J21P

U

Timpanogas Divide

33

4S

3E

8,140

9J12op

U

Windy Park

1

1S

20E

9,400

10G7

W

CCC Camp x

29N

118W

7,900

10J8P

U

Trial lake

33

5

2S

9E

9,800

DUCHESNE RIVER

10J36p

W

Gold Hill

11

1N

9E

10,000

11J46Sp

U

Beaver Creek Divide

25

2S

7E

8,000

9J9p

U

Brown Duck Ridge

2

2N

6W

10,300

10G12

W

Kelly Ranger Station

13

26N

116W

9,200

12J2

U

Deseret Peak

24

4S

7W

6,450

11J32MP

U

Chepato-Whiterocks Lakes

3

1S

17E

10,300

10J35p

U

Lily Lake

34

8N

4E

8,960

12J3p

U

Deseret Peak

15

4S

7W

9,250

11J23MP

U

Currant Creek

31

1S

10W

7,800

10G10

W

Monte Cristo R. S.

4

2N

10E

8,600

12J36

U

Mill Creek

31

3S

3E

7,400

11J7P

U

Daniels-Strawberry Summit

20

2S

12W

8,000

10J12P

U

Piney Labarge x

11

29N

114W

8,620

11J44

U

Mill Creek

8

4S

3E

7,400

10J26p

U

East Portal

36

7S

6E

7,560

10G16

W

Piney Labarge x

32

29N

114W

7,900

12J11P

U

Rocky Basin-Settlement Canyon

18

2S

3E

7,400

10K1p

U

Indian Canyon

2

11S

10E

9,100

10G8P

W

Sage River Summit x

32

29N

118W

7,900

12J11P

U

Rocky Basin-Settlement Canyon

30

4S

3W

8,900

10J8P

U

Jackson Park

23

3N

4W

11,300

10G13MP

U

Snyder Basin x

15

29N

115W

8,400

11J14P

U

Silver Lake (Brighton)

35

2S

3E

8,725

10J3S

U

Lake Basin

35

3N

4W

11,300

10J17P

U

Snower Basin Camp

32

21N

10E

8,550

11J42

U

Snow Bird (Gad Valley)

18

3S

3E

8,725

10J25p

U

Lakefork Mountain

23

3N

4W

11,300

LOWER BEAR RIVER (below Harer, Idaho)

11H37p

U

Bug Lake

18

11N

5E

7,950

12K2P

U

Vernon Creek

18

3S

3E

8,725

10J10P

U

Lakefork Mountain #2

2

2N

5W

10,200

11H36p

U

Bundgrass

5

13N

5E

8,400

12L4P

U

Box Creek

21

10S

5W

7,500

10J12

U

Lakefork Mountain #3

2

2N

5W

10,200

11G11

U

Christensen Ranch

27

13S

41E

5,600

12M8

U

Byce Canyon

33

26S

2W

9,800

10J29p

U

Lighting Lake

29

2N

4W

8,900

11H38p

U

Cinnamon Creek

5

8N

3E

7,300

12M13P

U

Castle Valley

32

36S

4W

8,000

9J3P

U

Moby Mountain

27

4N

8W

10,950

12H1P

U

Clarkson Mountain

29

14N

2W

6,300

12M4P

U

Duck Creek R. S.

11

38S

8W

9

27

4N

8W

10,950

11G12

U

Cub River Ranger Station

5

15S

41E

5,400

12M16

U

Parview

32

37S

4W

8,200

10J32P

U

Shadow Lake

21

3N

7W

7,900

11H33P

U

Deer Springs

34

10N

4E

8,400

12M16

U

Parview

32

37S

4W

8,200

10J32P

U

Shadow Lake

21

3N

7W

7,900

11G14p

U

Dry Creek

30

13S

4E

7,900

11I9P

U

Harris-LaPlata

24

26S

1E

11,400

11J35P

U

West Fork of the Duchesne

22

1N

19E

10,250

12G4

U

Dry Creek

30

13S

4E

7,900

12L6P

U

Kimberly Mine

11

27S

5W

9,300

PRICE RIVER

11G27

U

Emigration Canyon (mouth)

21

12S

42E

7,350

12M2M

U

Midway Valley

26

37S

9W

9,800

10K5M

U

Conal

32

13S

14E

9,200

11GMP

U

Franklin Basin

4

16S

41E

8,000

12M7P

U

Panguitch Lake

4 & 5

36S

7W

8,200

11K8

U

Dry Valley Divide

25

13S

5E

8,700

11H7MP

U

Garden City Summit

34 & 35

14N

4E

7,600

12M19

U

Rainbow Point

29

38S

4W

9,100

11K4P

U

Grosvenor Reservoir

25

13S

5E

8,700

13H45P

U

George Peak

4

13N

4W

9,000

12L5

U

Squaw Springs

3

27S

2W

9,300

10K3M

U

Grassy Trail Creek-Left Fork

2

14S

13E

7,970

12H2P

U

Herd Hollow

24

11N

3E

7,000

11M4P

U

Widhoe R. S.

22

34S

2W

7,600

11K7

U

Jones Ranch

32

12S

7E

7,600

11G15a

U

Horseshoe Basin

31

13S

42E

8,000

11K13P

U

Beaver Dam

27

19S

3E

8,000

11K3MP

U

Mud Creek

4

14S

7E

7,600

11H1MP

U

Liberty Springs

19

15E

3E

6,400

11K11P

U

Farnsworth Lake

27 & 33

23S

2E

9,900

10K2MP

U

White River #1

11

10S

8E

8,550

11H2P

U

Liberty Springs

19

15E

3E

6,400

11K11P

U

Farnsworth Lake

27 & 33

23S

2E

9,900

11K24

U

White River #2

9

10S

8E

7,600

11H26P

U

Liberty Springs

19

15E

3E

6,400

11K11P

U

Farnsworth Lake

27 & 33

23S

2E

9,900

11K25

U

White River #3

30

10S

8E

7,400

11H6

U

Mr. Logan

32

11N

2E

9,000

11K13P

U

Beaver Dam

27

19S

3E

8,000

SAN RAFAEL RIVER

12G3

U

Oxford Mountain

32

13S

37E

6,800

11K12P

U

Gooseberry R. S. -Cottonwood Creek

26 & 27

17S

4E

10,000

11K31P

U

Buck Flat

23

19S

4E

9,400

11H46p

U

Paradise Canyon

36

10N

2E

7,650

11K34

U

Madam R. S.

13

18S

3E

9,600

11K5

U

Huntington-Horseshoe

12

14S

5E

9,800

11G5

U

Slug Creek Divide

15

10S

4E

7,225

11K34

U

Madam R. S.

13

18S

3E

9,600

16S

6E

9,400

11H27

U

Steep Hollow #1

7

14N

3E

8,500

11K2P

U

Oak Creek

9

17S

3W

7,760

10K2MP

U

Red Pine Ridge

5

16S

6E

9,400

11H28

U

Steep Hollow #2

9

14N

3E

7,700

11K39PS

U

Pickle Keg Springs

4

21S

3E

9,600

10K2MP

U

Red Pine Ridge

5

16S

6E

9,400

11G9

U

Dry Broad Pond

19

8N

4E

8,230

12L1P5

U

Pine Creek

24

22S

4W

8,700

11K27P

U

Sealey Creek

17S

4E

10,000

11G10

U

Dry Broad Pond

19

8N

4E

8,230

12L1P5

U

Pine Creek

24

22S

4W

8,700

11K27P

U

Sealey Creek

17S

4E

10,000

11H41

U

Strawberry Mink Divide

15

13N

3E

7,400

12L11P

U

Rees's Flat

20

15S

2E

7,300

11K29

U

Upper Joe's Valley

8 & 9

18S

4E

9,900

11H42

U

Tom G. Ranger Station

11

13N

3E

6,250

12L11P

U

Rees's Flat

20

15S

2E

7,300

11K29

U

Upper Joe's Valley

8 & 9

18S

4E

9,900

11H34P

U

Tom G. Ranger Station

11

13N

3E

6,250

11K35

U

Thistle Flat

23

18S

3E

8,500

11K32

U

Wrigley Creek

27

19S

5E

9,000

11G4P

U

Willow Flat

2

15S

41E

6,100

BEAVER RIVER

12L13

U

Beaver Race Track

23

29S

7W

6,020

11K14

U

Black's Fork

34

20S

4E

9,200

12L7P5

U

Big Flat

18

29S

4W

10,290

11K15P

U

Dill's Camp

27

20S

4E

9,200

12L9P5

U

Merchant's Valley

8 & 9

29S

5W

9,300

FREMONT RIVER

12L8

U

Orter Lake

1

29S

5W

9,300

11L4P

U

Black's Flat-U.M. Creek

33

24S

3E

9,260

12M16

U

Birch Crossing

23

35S

9W

8,100

11L5

U

Dodge Reservoir

9

35S

4E

9,260

12M14

U

Brian Head

10

36S

9W

10,000

11L3P

U

Fish Lake

35

26S

1E

8,700

12M15

U

Ed Ward Flat

17

35S

9W

8,300

11L6

U

Johnson Valley

24

25S

2E

8,850

12M16

U

Tail Fork

37

35S

8W

8,600

SOUTHEASTERN UTAH DRAINAGES

12M11P

U

Yankee Reservoir

26

35S

8W

8,700

9M1P

U

Buckboard Flat

36

33S

22E

9,000

12M11P

U

Yankee Reservoir

26

35S

8W

8,700

9M2P

U

Camp Jackson

22

34S

22E

8,600

12M11P

U

Yankee Reservoir

26

35S

8W

8,700

9L1

U

LaSal Mountain

5

27S

24E

8,800

12M11P

U

Yankee Reservoir

26

35S

8W

8,700

9M3

U

LaSal Mountain (upper)

3

27S

24E

9,400

12M11P

U

Yankee Reservoir

26

35S

8W

8,700

9M3

U

LaSal Mountain (upper)

3

27S

24E

9,400

12M11P

U

Yankee Reservoir

26

35S

8W

8,700

9M3

U

LaSal Mountain (upper)

3

27S

24E

9,400

12M11P

U

Yankee Reservoir

26

35S

8W

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9M3

U

LaSal Mountain (upper)

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27S

24E

9,400

12M11P

U

Yankee Reservoir

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35S

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9M3

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LaSal Mountain (upper)

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27S

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12M11P

U

Yankee Reservoir

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35S

8W

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9M3

U

LaSal Mountain (upper)

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24E

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12M11P

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Yankee Reservoir

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35S

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9M3

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LaSal Mountain (upper)

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27S

24E

9,400

12M11P

U

Yankee Reservoir

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35S

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9M3

U

LaSal Mountain (upper)

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24E

9,400

12M11P

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Yankee Reservoir

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35S

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9M3

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LaSal Mountain (upper)

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24E

9,400

12M11P

U

Yankee Reservoir

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35S

8W

8,700

9M3

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LaSal Mountain (upper)

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27S

24E

9,400

12M11P

U

Yankee Reservoir

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35S

8W

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9M3

U

LaSal Mountain (upper)

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27S

24E

9,400

12M11P

U

Yankee Reservoir

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35S

8W

8,700

9M3

U

LaSal Mountain (upper)

3

27S

24E

9,400

12M11P

U

Yankee Reservoir

26

35S

8W

8,700

9M3

U

LaSal Mountain (upper)

3

27S

24E

9,400

12M11P

U

Yankee Reservoir

26

35S

8W

8,700

9M3

U

LaSal Mountain (upper)

3

27S

24E

9,400

12M11P

U

Yankee Reservoir

26

35S

8W

8,700

9M3

U

LaSal Mountain (upper)

3

27S

24E

9,400

12M11P

U

Yankee Reservoir

26

35S

8W

8,700

9M3

U

LaSal Mountain (upper)

3

27S

24E

9,400

12M11P

U

Yankee Reservoir

26

35S

8W

8,700

9M3

U

LaSal Mountain (upper)

3

27S

24E

9,400

12M11P

U

Yankee Reservoir

26

35S

8W

8,700

9M3

U

LaSal Mountain (upper)

3

27S

24E

9,400

12M11P

U

Yankee Reservoir

26

35S

8W

8,700

9M3

U

LaSal Mountain (upper)

3

27S

24E

9,400

12M11P

U

Yankee Reservoir

26

35S

8W

8,700

9M3

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LaSal Mountain (upper)

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27S

24E

9,400

12M11P

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Yankee Reservoir

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35S

8W

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9M3

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24E

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12M11P

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Yankee Reservoir

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8W

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9M3

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LaSal Mountain (upper)

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27S

24E

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12M11P

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Yankee Reservoir

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35S

8W

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9M3

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LaSal Mountain (upper)

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27S

24E

9,400

12M11P

U

Yankee Reservoir

26

35S

8W

8,700

9M3

U

LaSal Mountain (upper)

3

27S

24E

9,400

12M11P

U

Yankee Reservoir

26

35S

8W

8,700

9M3

U

LaSal Mountain (upper)

3

27S

24E

9,400

12M11P

U

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35S

8W

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9M3

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27S

24E

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12M11P

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Yankee Reservoir

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35S

8W

8,700

9M3

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LaSal Mountain (upper)

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27S

24E

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12M11P

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Yankee Reservoir

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35S

8W

8,700

9M3

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LaSal Mountain (upper)

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27S

24E

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12M11P

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Yankee Reservoir

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35S

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9M3

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24E

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12M11P

U

Yankee Reservoir

26

35S

8W

8,700

9M3

U

LaSal Mountain (upper)

3

27S

24E

9,400

12M11P

U

Yankee Reservoir

26

35S

8W

8,700

9M3

U

LaSal Mountain (upper)

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27S

24E

9,400

12M11P

U

Yankee Reservoir

26

35S

8W

8,700

9M3

U

LaSal Mountain (upper)

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27S

24E

9,400

12M11P

U

Yankee Reservoir

26

35S

8W

8,700

9M3

U

LaSal Mountain (upper)

3

27S

24E

9,400

12M11P

U

Yankee Reservoir

26

35S

8W

8,700

9M3

U

LaSal Mountain (upper)

3

27S

24E

9,400</

# Agencies Cooperating in Utah Snow Surveys

## U. S. GOVERNMENT AGENCIES

U. S. Department of Agriculture  
Soil Conservation Service  
Forest Service  
U. S. Department of Commerce  
NOAA, National Weather Service  
U. S. Department of Interior  
Bureau of Reclamation  
Geological Survey  
National Park Service

## STATE AGENCIES

Utah State University  
Utah Fish and Game Department  
Utah State Department of Natural  
Resources, Division of Water Rights  
Bear River Commissioner  
Price River Commissioner  
Provo River Commissioner  
Sevier River Commissioners  
Spanish Fork River Commissioner  
Utah Lake and Jordan River Commissioner

## MUNICIPALITIES

Manti  
Salt Lake City

## ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association  
Board of Canal Presidents - Jordan River  
Emery Canal and Reservoir Company  
Moon Lake Water Users Association  
Ogden River Water Users Association  
Provo River Water Users Association  
Strawberry Water Users Association  
Sevier River Water Users Association

## PRIVATE AGENCIES

Kaiser Steel Corporation

UNITED STATES DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE  
FEDERAL BLDG., - ROOM 4012  
125 SOUTH STATE ST.,  
SALT LAKE CITY, UTAH 84138

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AGRICULTURE  
AGR-101



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EXP. DATE 06/01/80  
MAILING DATE 06/01/80

## FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Furnishes the basic data  
necessary for forecasting  
water supply for irrigation,  
domestic and municipal water  
supply, hydro-electric power  
generation, navigation,  
mining and industry

*"The Conservation of Water begins  
with the Snow Survey"*